# Table VII - A Applicable Limits and Compliance Monitoring Requirements S-1, GAS TURBINE #1 S-2, GAS TURBINE #2

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Menitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
NOx	BAAQMD	N	125 ppm	BAAQMD	С	CEM	x	
	9-3-303			1-520.1				
NOx	BAAQMD	N	9 ppmv @ 15% O2, dry	BAAQMD	С	CEM		
	9-9-			9-9-501			X	
	301.1.3							
NOx	SIP	Υ	9 ppmv @ 15% O2, dry	SIP 9-9-501	С	CEM	x	
	9-9-301.3						^	
NOx	BAAQMD	N	0.15 LB/MMBTU or 5 ppmv	BAAQMD 9-9-	С	CEM	v	!
	9-9-301.2			501			X	
NOx	NSPS, 40	Υ	75 ppmv @ 15% O2, dry, 4-	NSPS 40 CFR	С	CEM		
	CFR		hour rolling average	60.334(c.)				
	60.332					[	X	ļ
	(a)(1)							
		Y	None	40 CFR 75.10	С	CEM	×	
NOx	BAAQMD	Υ	19.2 lb/hr for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition				
	#18310,		except during turbine	#18310, Part			X	
	part 20a		startup and shutdown	27b				
NOx	BAAQMD	Υ	19.2 lb/hr for each	BAAQMD	P/A	Source Test at		
	condition		turbine/HRSG powertrain,	condition		maximum load		
	#18310,		except during turbine	#18310, Part			X	
	part 20a		startup and shutdown	31				
NOx	BAAQMD	Y	0.00904 lb/MM BTU for	BAAQMD	С	CEM		
	condition		each turbine/HRSG	condition				
	#18310,		powertrain, except during	#18310, Part			x	
	part 20a		turbine startup and	27b		]		
			shutdown					
NOx	BAAQMD	Υ	0.00904 lb/MM BTU for	BAAQMD	P/A	Source Test at		
	condition		each turbine/HRSG	condition		maximum load		
	#18310,		powertrain, except during	#18310, Part			x	
	part 20a		turbine startup and	31				
			shutdown					

				Monitoring	Monitoring		Comp	liance
Type of Limit	Citation of Limit	FE Y/N	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
NOx	BAAQMD	Υ	2.5 ppmv, @ 15% O2, dry,	BAAQMD	P/A	Source Test at		
	condition		for each tubine/HRSG	condition	-	maximum load		
	#18310,		powertrain, 1-hr average	#18310, Part			X	
	part 20b		except during turbine	31				
			startup and shutdown					
NOx	BAAQMD	Υ	2.5 ppmv, @ 15% O2, dry,	BAAQMD	С	CEM		
	condition		for each tubine/HRSG	condition				]
	#18310,		powertrain, 1-hr average	#18310, Part			X	<u> </u>
	part 20b		except during turbine	27b				!
			startup and shutdown					
NOx	BAAQMD	Υ	240 lb/gas turbine start-up	BAAQMD	С	CEM		
	condition		,	condition				
	#18310,			#18310, Part			X	
	part 21			27b				
NOx	BAAQMD	Υ	480 lb/hr during gas turbine	BAAQMD	С	CEM		
	condition		cold start-up or combustor	condition				
	#18310,		tuning period	#18310, Part			X	
	part 21			27b				
NOx	BAAQMD	Υ	80 lb/gas turbine shutdown	BAAQMD	С	CEM	••	
	condition			condition				
	#18310,			#18310, Part			X	
	part 21			27b				
NOx	BAAQMD	Υ	1362.6 lb/day for S-1, S-3	BAAQMD	С	CEM		
	condition		Gas Turbines and S-2, S-4	condition				
	#18310,		HRSGs, combined	#18310, Part			X	
	part 24a			27b		l i		
NOx	BAAQMD	Υ	123.4 ton/yr for S-1, S-3	BAAQMD	С	CEM		
	condition		Gas Turbines and S-2, S-4	condition				
	#18310,		HRSGs, combined	#18310, Part			x	
	part 25a		(including emissions from	27b				
			commissioning period)					
со	BAAQMD	Υ	18.7 lb/hr, for each	BAAQMD	P/A	Source Test at		
	condition		turbine/HRSG powertrain,	condition		maximum load		
	#18310,		except during turbine	#18310, Part		and minimum	X	
	part 20c		startup and shutdown	31		load		
со	BAAQMD	Υ	18.7 lb/hr, for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition				
	#18310,		except during turbine	#18310, Part			X	
	part 20c		startup and shutdown	27b				

				Monitoring	Monitoring		Comp	liance
Type of Limit	Citation of Limit	FE Y/N	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
со	BAAQMD	Y	0.0088 lb/MM BTU for each	BAAQMD	P/A	Source Test at		
	condition		turbine/HRSG powertrain,	condition	,	maximum load		
	#18310,		except during turbine	#18310, Part		and minimum	X	
	part 20d		startup and shutdown	31		load		
со	BAAQMD	γ	0.0088 lb/MM BTU for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition				
	#18310,		except during turbine	#18310, Part			X	
	part 20d		startup and shutdown	27b				
со	BAAQMD	Υ	4 ppmv @ 15% O2, dry, for	BAAQMD	P/A	Source Test at		
	condition		each turbine/HRSG	condition		maximum load		
	#18310,		powertrain, 3-hr average,	#18310, Part		and minimum	X	
	part 20d		except during turbine	31		load		
		İ	startup and shutdown					
со	BAAQMD	Υ	4 ppmv @ 15% O2, dry, for	BAAQMD	С	CEM		
	condition		each turbine/HRSG	condition				
	#18310,		powertrain, 3-hr average,	#18310, Part		1	x	
	part 20d		except during turbine	27b				
			startup and shutdown					
со	BAAQMD	Υ	4 ppmv @ 15% O2, dry, for	40 CFR 64.3	At least 4	CEM		
	condition		each turbine/HRSG	(b)(4)(ii)	times per			
	#18310,		powertrain, 3-hr average,		hour		X	
	part 20d		except during turbine		(CAM Plan)			
			startup and shutdown					
со	BAAQMD	Υ	2,514 lb/gas turbine startup	BAAQMD	С	CEM		
	condition			condition			v	
	#18310,			#18310, Part			X	
	part 21			27b				
со	BAAQMD	Y	5028 lb/hr during gas	BAAQMD	С	CEM		
	condition		turbine cold start-up or	condition			v	
	#18310,		combustor tuning period	#18310, Part			X	
	part 21			27b				
CO	BAAQMD	Y	902 lb/gas turbine	BAAQMD	С	CEM		
	condition		shutdown	condition			×	
	#18310,			#18310, Part			^	
	part 21			27b				
со	BAAQMD	Y	7,891.1 lb/day for S-1, S-3	BAAQMD	С	CEM		
	condition		gas turbines and S-2, S-4	condition	1		v	
	#18310,		HRSGs, combined	#18310, Part			X	
	part 24b			27b				

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring _	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
co	BAAQMD	Y	588 ton/yr for S-1, S-3 gas	BAAQMD	С	CEM		!
	condition		turbines and S-2, S-4	condition				
	#18310,		HRSGs, combined (includes	#18310, Part			х	
	part 25b		emissions from	27b	•			
	ļ		commissioning period)					
CO <sub>2</sub>		Υ	None	40 CFR 75.10	С	fuel flow		
	Í					monitor and	x	
						CO2	^	
						calculation		
SO₂	BAAQMD	Υ	GLC <sup>1</sup> of 0.5 ppm for 3 min		N			
	9-1-301		or 0.25 ppm for 60 min or				x	
			0.05 ppm for 24 hours					
SO <sub>2</sub>	BAAQMD	Υ	300 ppm (dry)	,	N		v	
	9-1-302						X	
SO <sub>2</sub>	NSPS	Υ	0.015% (vol.)	NSPS 40 CFR	N			
	40 CFR		@ 15% O₂ (dry)	60.334(h)			X	
	60.333(a)							
SO₂	NSPS	Υ	Total sulfur content of fuel	NSPS 40 CFR	P/M	Fuel sulfur		
	40 CFR	İ	not to exceed 0.8 percent	60.334(h)(3)(i		content testing		
	60.333(b)		by weight (8000 ppmw)	i) and				
				BAAQMD			X	
				condition				
				#18310, Part				
				45				
SO <sub>2</sub>		Υ	None	40 CFR 75.11,	P/A	Fuel		
	Ŋ.			40 CFR 75,		measurements		
				Appendix D,		, calculations	X	
				part 2.3				
SO2	BAAQMD	Υ	1.28 lb/hr, for each	BAAQMD	P/A	Source test at		
	condition		turbine/HRSH powertrain	condition		maximum load		
	#18310,	•	·	#18310, part			X	}
	part 20g			31				
SO2	BAAQMD	Υ	1.28 lb/hr, for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSH powertrain	condition	'-	calculations		
	#18310,		,	#18310, part			X	1
	part 20g			28				

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		"
SO2	BAAQMD	Υ	0.0006lb/MM BTU, for	BAAQMD	P/A	Source test at		
	condition		each turbine/HRSG	condition		maximum load	x	
	#18310,		powertrain	#18310, part			^	
	part 20g			31				
SO2	BAAQMD	Y	0.0006lb/MM BTU, for	BAAQMD	P/D	Records,		
	condition		each turbine/HRSG	condition		calculations	x	
	#18310,		powertrain	#18310, part			^	
	part 20g			28				
SO2	BAAQMD	Y	57.9 lb/day for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSG powertrain	condition		calculations	v	
	#18310,			#18310, part			X	
	part 24e			28				
SO2	BAAQMD	Υ	10.6 ton /yr for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSG powertrain	condition		calculations		
	#18310,		(includes emissions from	#18310, part			X	
	part 25e		commissioning period)	28				
Opacity	BAAQMD	N	> Ringelmann No. 1 for no		N			
	6-1-301		more than 3 minutes in any				x	
	l l		hour					
Opacity	SIP 6-301	Υ	> Ringelmann No. 1 for no		N			
			more than 3 minutes in any			]	x	
	\		hour					ł
FP	BAAQMD	N	0.15 grain/dscf @ 6% O2		N			
	6-1-310.3				4	]	Х	
FP	SIP 6-	Υ	0.15 grain/dscf @ 6% O2		N			
	310.3		: 				Х	
PM <sub>10</sub>	BAAQMD	Υ	9 lb/hr, for each	BAAQMD	P/A	Source test at		
	condition		turbine/HRSG powertrain	condition	,	maximum load		
	#18310,		,	#18310, part			X	
	part 20h			31				
PM <sub>10</sub>	BAAQMD	Υ	0.00452 lb/MM BTU, for	BAAQMD	P/A	Source test at	<del></del>	
-10	condition		each turbine/HRSG	condition		maximum load		
	#18310,		powertrain	#18310, part			x	
	part 20h		,	31				
PM <sub>10</sub>	BAAQMD	Υ	510 lb/day for S-1, S-3 Gas	BAAQMD	P/D	Records,		
10	condition	-	turbines and S-2, S-4	condition		calculations		
	#18310,		HRSGs, combined	#18310, part			x	
	part 24d			28				

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		 
PM <sub>10</sub>	BAAQMD	Y	83.34 ton/yr for S-1, S-3	BAAQMD	P/D	Records,		i
	condition		Gas turbines and S-2, S-4	condition		calculations		
	#18310,	•	HRSGs, combined	#18310, part			X	
	part 25d		(including emissions from	28				
	1		commissioning period)					
POC	BAAQMD	Y	2.7 lb/hr (as CH4) for each	BAAQMD	P/A	Source test at		
	condition		turbine/HRSG powertrain	condition		maximum load	x	
	#18310,		except during turbine	#18310, part			^	
	part 20f		startup and shut down	31				
POC	BAAQMD	Y	0.00126 lb/MM BTU (as	BAAQMD	P/A	Source test at		
	condition		CH4) for each	condition		maximum load		
	#18310,		turbine/HRSG powertrain	#18310, part	i		X	
	part 20f		except during turbine	31				
	·		startup and shut down					
POC	BAAQMD	γ	48 lb/gas turbine startup	BAAQMD	P/D	Records,		
	condition			condition		calculations		
	#18310,			#18310, part			X	
	part 21			28				
POC	BAAQMD	Υ	16 lb/gas turbine shutdown	BAAQMD	P/D	Records,		
	condition			condition		calculations		
	#18310,			#18310, part			X	
	part 21			28				
POC	BAAQMD	Υ	96 lb/hr during gas turbine	BAAQMD	P/D	Records,		
	condition		cold start up or combustor	condition	,	calculations		
	#18310,		tuning period	#18310, part			X	
	part 21		, and parties	28				
POC	BAAQMD	Υ	230.2 lb/day (as CH4) for S-	BAAQMD	P/D	Records,		
	condition		1, S-3 gas turbines and S-2,	condition		calculations		
	#18310,		S-4 HRSGs, combined	#18310, part			X	
	part 24c		,	28				
POC	BAAQMD	Υ	28 ton/yr ) for S-1, S-3 gas	BAAQMD	P/D	Records,	•	
_	condition		turbines and S-2, S-4	condition		calculations		
	#18310,		HRSGs, combined	#18310, part			x	
	part 25c		(including emissions from	28			-	
			commissioning period)					

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
NH₃	BAAQMD	N	5 ppmv, @ 15% O2 dry,	BAAQMD	С	Ammonia		
	condition		averaged over 3 hrs for	condition		injection rate		
	#18310,		each turbine/HRSG	#18310, part		monitor	x	
	part 20e		powertrain, except during	27c			^	
			turbine startup and					
			shutdown					
Formal-	BAAQMD	N	3796 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
dehyde	condition		turbines and S-2, S-4	condition		calculations	x	
	#18310,		HRSGs, combined	#18310, part		į	^	
	part 26a			29				
Formal-	BAAQMD	N	3796 lb/yr for S-1, S-3 gas	BAAQMD	P/every two	Source Test		
dehyde	condition		turbines and S-2, S-4	condition	years on P-1		x	
	#18310,		HRSGs, combined	#18310, part	or P-2		^	
	part 26a			33			··	
Benzene	BAAQMD	N	480 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
	condition		turbines and S-2, S-4	condition		calculations	x	
	#18310,		HRSGs, combined	#18310, part			^	
	part 26b			29				
Benzene	BAAQMD	N	480 lb/yr for S-1, S-3 gas	BAAQMD	P/every two	Source Test		
	condition		turbines and S-2, S-4	condition	years on P-1		x	
	#18310,		HRSGs, combined	#18310, part	or P-2	'	^	
	part 26b			33				
Specific	BAAQMD	N	22.8 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
PAH	condition		turbines and S-2, S-4	condition		calculations	v	
Compounds	#18310,		HRSGs, combined	#18310, part			×	
	part 26c			29				
Specific	BAAQMD	N	22.8 lb/yr for S-1, S-3 gas	BAAQMD	P/every two	Source Test		
PAH	condition		turbines and S-2, S-4	condition	years on P-1		x	
Compounds	#18310,		HRSGs, combined	#18310, part	or P-2		^	
	part 26c	<u> </u>		33				
Heat input	BAAQMD	Y	2,124 MM BTU/hr (HHV), 3-	BAAQMD	С	Fuel meter,		
limit	condition		hr average for each	condition		firing monitor,	v	
	#18310,		turbine/HRSG powertrain	#18310, part		calculations	X	
	part 14			27a				
Heat input	BAAQMD	Υ	49,908 MM BTU/calendar	BAAQMD	С	Fuel meter,		
limit	condition		day (HHV), for each	condition		firing monitor,		
	#18310,		turbine/HRSG powertrain	#18310, part		calculations	X	
	part 15			27a				

				Monitoring	Monitoring	,	Comp	liance
Type of Limit	Citation of Limit	FE Y/N	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
Heat input limit	BAAQMD condition #18310, part 16	Y	35,274,060 MM BTU/yr (HHV) for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined	BAAQMD condition #18310, part 27a	С	Fuel meter, firing monitor, calculations	x	
Cold Start- Up, Combustor Tuning Firing Limit	BAAQMD condition #18310, part 48	Y	30 firing hours per year for S-1 and S-3 gas turbines, combined for purposes of cold start-up or combustor tuning	BAAQMD condition #18310, part 49	P/E	Recordkeeping	x	

# Table VII - B Applicable Limits and Compliance Monitoring Requirements S-3, Heat Recovery Steam Generator #1 S-4, Heat Recovery Steam Generator #2

_				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре	162	140
NOx	BAAQMD	N	9 ppmv @ 15% O2, dry	BAAQMD	С	CEM		
	9-9-301.1.3			9-9-501			X	
NOx	SIP	Y	9 ppmv @ 15% O2, dry	SIP 9-9-501	С	CEM	x	
	9-9-301.3							
NOx	BAAQMD	N	0.15 LB/MMBTU or 5 ppmv	BAAQMD 9-9-501	С	CEM	x	
	9-9-301.2							
NOx	NSPS, 40 CFR	Y	0.2 lb/ MM BTU except,	NSPS 40 CFR	С	CEM		
}	60.44b		during start-up, shutdown or	60.48b (b)(2) and				
	(a)(4)(i)		malfuntion	BAAQMD			X	
				Condition		·		
				#18310, part 27b				
NOx	NSPS, 40 CFR	Υ	75 ppmv @ 15% O2, dry, 4-	NSPS 40 CFR	С	CEM		
	60.332 (a)(1)		hour rolling average	60.334(c.) and				
				BAAQMD			x	
				Condition				
				#18310, part 27b				
NOx		Υ	None	40 CFR 75.10	С	CEM	х	
NOx	BAAQMD	Υ	19.2 lb/hr for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition				
	#18310, part		except during turbine startup	#18310, Part 27b			X	
	20a		and shutdown					
NOx	BAAQMD	Υ	19.2 lb/hr for each	BAAQMD	P/A	Source Test		
	condition		turbine/HRSG powertrain,	condition		at maximum		
!	#18310, part		except during turbine startup	#18310, Part 31		load	X	:
	20a		and shutdown		·			
NOx	BAAQMD	Υ	0.00904 lb/MM BTU for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition				
	#18310, part		except during turbine startup	#18310, Part 27b			X	•
	20a		and shutdown	ĺ				
NOx	BAAQMD	Y	0.00904 lb/MM BTU for each	BAAQMD	P/A	Source Test		
	condition		turbine/HRSG powertrain,	condition		at maximum	_	
	#18310, part		except during turbine startup	#18310, Part 31		load	X	
	20a		and shutdown					

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring		
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре	Yes	No
NOx	BAAQMD	Υ	2.5 ppmv, @ 15% O2, dry, for	BAAQMD	P/A	Source Test	·	
	condition		each tubine/HRSG powertrain,	condition	1	at maximum	x	
	#18310, part		1-hr average except during	#18310, Part 31		load	^	
	20b		turbine startup and shutdown					
NOx	BAAQMD	Υ	2.5 ppmv, @ 15% O2, dry, for	BAAQMD	С	CEM		
	condition		each tubine/HRSG powertrain,	condition		:	v	
	#18310, part		1-hr average except during	#18310, Part 27b			X	
	20b		turbine startup and shutdown					
NOx	BAAQMD	Υ	1362.6 lb/day for S-1, S-3 Gas	BAAQMD	С	СЕМ		
l	condition		Turbines and S-2, S-4 HRSGs,	condition				
i	#18310, part		combined	#18310, Part 27b			X	
	24a				!			
NOx	BAAQMD	Υ	123.4 ton/yr for S-1, S-3 Gas	BAAQMD	С	CEM		
	condition		Turbines and S-2, S-4 HRSGs,	condition		:		
	#18310, part		combined (including emissions	#18310, Part 27b	<u> </u>		X	
	25a		from commissioning period)					
со	BAAQMD	Υ	18.7 lb/hr, for each	BAAQMD	P/A	Source Test		***
	condition		turbine/HRSG powertrain,	condition	•	at maximum		
	#18310, part		except during turbine startup	#18310, Part 31		load and	x	
	20c		and shutdown			minimum		
						load		
со	BAAQMD	Υ	18.7 lb/hr, for each	BAAQMD	С	CEM		
ļ	condition		turbine/HRSG powertrain,	condition				
	#18310, part		except during turbine startup	#18310, Part 27b			x	
:	20c		and shutdown	·				
								!
со	BAAQMD	Υ	0.0088 lb/MM BTU for each	BAAQMD	P/A	Source Test		
	condition		turbine/HRSG powertrain,	condition		at maximum		
	#18310, part		except during turbine startup	#18310, Part 31		load and	x	
	20d		and shutdown			minimum		
			2.1.3 \$7.4.23			load		
со	BAAQMD	Y	0.0088 lb/MM BTU for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition	[			
	#18310, part		except during turbine startup	#18310, Part 27b			x	
	20d		and shutdown					
ĺ								
со	BAAQMD	Y	4 ppmv @ 15% O2, dry, for	BAAQMD	P/A	Source Test		
_	condition		each turbine/HRSG	condition		at maximum	x	
ĺ	#18310, part		powertrain, 3-hr average,	#18310, Part 31		load and	••	

_				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре	162	
	20d		except during turbine startup			minimum		
			and shutdown			load		
co	BAAQMD	Y	4 ppmv @ 15% O2, dry, for	BAAQMD	С	CEM		
	condition		each turbine/HRSG	condition				
	#18310, part		powertrain, 3-hr average,	#18310, Part 27b			X	
	20d		except during turbine startup					
			and shutdown					
со	BAAQMD	Y	7,891.1 lb/day for S-1, S-3 gas	BAAQMD	С	CEM		
	condition		turbines and S-2, S-4 HRSGs,	condition			x	
	#18310, part		combined	#18310, Part 27b			^	
	24b							
со	BAAQMD	Υ	588 ton/yr for S-1, S-3 gas	BAAQMD	С	CEM		
	condition		turbines and S-2, S-4 HRSGs,	condition			x	
	#18310, part		combined (includes emissions	#18310, Part 27b			^	
	25b		from commissioning period)					
CO <sub>2</sub>		Y	None	40 CFR 75.10	С	fuel flow		
			· ·	1		monitor and	.,	
						CO2	Х	
						calculation		
SO₂	BAAQMD 9-1-	Y	GLC <sup>1</sup> of 0.5 ppm for 3 min or		N			
	301		0.25 ppm for 60 min or 0.05				x	
			ppm for 24 hours					
SO <sub>2</sub>	BAAQMD 9-1-	Υ	300 ppm (dry)		N			
	302						X	
SO₂	NSPS	Υ	0.015% (vol.)	NSPS 40 CFR	N			
	40 CFR		@ 15% O₂ (dry)	60.334(h)			x	
	60.333(a)							
SO₂	NSPS	Υ	Total sulfur content of fuel not	NSPS 40 CFR	P/M	Fuel sulfur		
	40 CFR		to exceed 0.8 percent by	60.334(h)(3)(ii)		content		
	60.333(b)		weight (8000 ppmw)	and BAAQMD		testing	x	
				condition				
				#18310, Part 45				
SO₂		Υ	None	40 CFR 75.11, 40	P/A	Fuel		
				CFR 75, Appendix		measureme	••	
				D, part 2.3		nts,	X	
						calculations		
SO2	BAAQMD	Y	1.28 lb/hr, for each	BAAQMD	P/A	Source test	***************************************	
	condition		turbine/HRSH powertrain	condition	:	at maximum	x	
	#18310, part			#18310, part 31		load		

				Monitoring	Monitoring		Com	oliance
Type of	Citation of	FE		Requirement	Frequency	Monitoring -	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		100
	20g						<del></del>	<u> </u> 
SO2	BAAQMD	Y	1.28 lb/hr, for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSH powertrain	condition		calculations	X	[
	#18310, part			#18310, part 28				
	20g	<u> </u>	0.000011 /2.000=11.1		- 4.			
SO2	BAAQMD	Y	0.0006lb/MM BTU, for each	BAAQMD	P/A	Source test		
	condition		turbine/HRSG powertrain	condition		at maximum	x	
	#18310, part			#18310, part 31		load		
	20g							
SO2	BAAQMD	Y	0.0006lb/MM BTU, for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSG powertrain	condition		calculations	х	
	#18310, part			#18310, part 28				
	20g							
SO2	BAAQMD	Y	57.9 lb/day for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSG powertrain	condition		calculations	x	
	#18310, part			#18310, part 28				
	24e							
SO2	BAAQMD	Y	10.6 ton /yr for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSG powertrain	condition		calculations	x	
	#18310, part		(includes emissions from	#18310, part 28				
	25e		commissioning period)					
Opacity	BAAQMD 6-1-	N	> Ringelmann No. 1 for no		N			
	301		more than 3 minutes in any				X	
		ļ	hour					
Opacity	SIP 6-301	Υ	> Ringelmann No. 1 for no		N			ŀ
			more than 3 minutes in any				X	ĺ
			hour					
₽P	BAAQMD 6-1-	N	0.15 grain/dscf @ 6% O2		N		x	
	310.3						^	
FP	SIP 6-310.3	Υ	0.15 grain/dscf @ 6% O2		N		v	
							X	
PM	NSPS 40 CFR	Y	< 20% opacity, 6 minute		N			
	60.42a (b)		average, except one six					
		[	minute period/hr up to 27%				x	
			opacity					
PM <sub>10</sub>	BAAQMD	Υ	9 lb/hr, for each turbine/HRSG	BAAQMD	P/A	Source test		
	condition		powertrain	condition		at maximum	x	
	#18310, part			#18310, part 31		load		

	Citation of	<b> </b>		Monitoring	Monitoring		Compliance	
Type of Limit		FE Y/N	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
	20h	.,	6111116	Citation	(17-71-1)	7,500		
PM <sub>10</sub>	BAAQMD condition #18310, part	Y	0.00452 lb/MM BTU, for each turbine/HRSG powertrain	BAAQMD condition #18310, part 31	P/A	Source test at maximum load	x	
PM <sub>10</sub>	BAAQMD condition #18310, part 24d	Y	510 lb/day for S-1, S-3 Gas turbines and S-2, S-4 HRSGs, combined	BAAQMD condition #18310, part 24	P/D	Records, calculations	x	
PM <sub>10</sub>	BAAQMD condition #18310, part 25d	Y	83.34 ton/yr for S-1, S-3 Gas turbines and S-2, S-4 HRSGs, combined (including emissions from commissioning period)	BAAQMD condition #18310, part 25	P/D	Records, calculations	x	
POC	BAAQMD condition #18310, part 20f	Υ	2.7 lb/hr (as CH4) for each turbine/HRSG powertrain except during turbine startup and shut down	BAAQMD condition #18310, part 31	P/A	Source test at maximum load	x	
POC	BAAQMD condition #18310, part 20f	Y	0.00126 lb/MM BTU (as CH4) for each turbine/HRSG powertrain except during turbine startup and shut down	BAAQMD condition #18310, part 31	P/A	Source test at maximum load	x	
POC	BAAQMD condition #18310, part 24c	Y	230.2 lb/day (as CH4) for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined	BAAQMD condition #18310, part 28	P/D	Records, calculations	x	
POC	BAAQMD condition #18310, part 25c	Υ	28 ton/yr ) for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined (including emissions from commissioning period)	BAAQMD condition #18310, part 28	P/D	Records, calculations	x	
NH₃	BAAQMD condition #18310, part 20e	N	5 ppmv, @ 15% O2 dry, averaged over 3 hrs for each turbine/HRSG powertrain, except during turbine startup and shutdown	BAAQMD condition #18310, part 27c	С	Ammonia injection rate monitor	x	
Formald ehyde	BAAQMD condition #18310, part 26a	N	3796 lb/yr for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined	BAAQMD condition #18310, part 29	P/D	Records, calculations	x	

			_	Monitoring Monitoring			Comp	pliance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Van	N.
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре	Yes	No
Formald	BAAQMD	N	3796 lb/yr for S-1, S-3 gas	BAAQMD	P/every	Source Test		
ehyde	condition		turbines and S-2, S-4 HRSGs,	condition	two years		x	
	#18310, part		combined	#18310, part 33	on P-1 or		^	
	26a				P-2			
Benzene	BAAQMD	N	480 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
	condition		turbines and S-2, S-4 HRSGs,	condition		calculations	×	
İ	#18310, part		combined	#18310, part 29			^	
	26b	ļ						
Benzene	BAAQMD	N	480 lb/yr for S-1, S-3 gas	BAAQMD	P/every	Source Test		
	condition		turbines and S-2, S-4 HRSGs,	condition	two years		x	
	#18310, part		combined	#18310, part 33	on P-1 or		^	
	26b				P-2			
Specific	BAAQMD	N	22.8 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
PAH	condition		turbines and S-2, S-4 HRSGs,	condition		calculations	·	
Compou	#18310, part		combined	#18310, part 29			X	
nds	26c							
Specific	BAAQMD	N	22.8 lb/γr for S-1, S-3 gas	BAAQMD	P/every	Source Test		
PAH	condition		turbines and S-2, S-4 HRSGs,	condition	two years		x	
Compou	#18310, part		combined	#18310, part 33	on P-1 or		^	
nds	26c				P-2			
Heat	BAAQMD	Y	2,124 MM BTU/hr (HHV), 3-hr	BAAQMD	С	Fuel meter,		
input	condition		average for each	condition		firing	×	
limit	#18310, part		turbine/HRSG powertrain	#18310, part 27a		monitor,	^	
	14	ļ				calculations		
Heat	BAAQMD	Y	49,908 MM BTU/calendar day	BAAQMD	С	Fuel meter,		
input	condition	1	(HHV), for each turbine/HRSG	condition	ļ	firing	x	
limit	#18310, part		powertrain	#18310, part 27a		monitor,	^	ļ 
	15					calculations		
Heat	BAAQMD	Υ	35,274,060 MM BTU/yr (HHV)	BAAQMD	С	Fuel meter,		
input	condition		for S-1, S-3 gas turbines and S-	condition		firing	×	
limit	#18310, part		2, S-4 HRSGs, combined	#18310, part 27a		monitor,	^	
	16					calculations		
Prohibit	BAAQMD	Y	Each HRSG duct burner may not	BAAQMD condition	С	Fuel meter,		
ed firing	condition		be fired unless its associated gas	#18310, part 27a		firing monitor,	×	
	#18310, part 17		turbine is being fired			calculations		

#### Table VII – C Applicable Limits and Compliance Monitoring Requirements S-5 COOLING TOWER

_				Monitoring	Monitoring		Compliance	
Type of Limit	Citation of Limit	FE Y/N	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
Opacity	BAAQMD 6-1-301	22	>Ringelmann No.1 for no more than 3 minutes in any hour		Z		x	
FP	BAAQMD 6-1-310	N	0.15 gr/dscf		N		X	
Opacity	SIP 6-301	Y	>Ringelmann No.1 for no more than 3 minutes in any hour		N		X	
FP	SIP 6-310	Y	0.15 gr/dscf		N		x	
Drift Rate	BAAQMD Condition #18310, part 46	Υ	0.0005%	BAAQMD Condition #18310, part 46	P	Initial Source Test	x	
Total Dissolved Soilds	BAAQMD Condition #18310, part 46	Y	5438 ppmw (mg/l)	BAAQMD Condition #18310, part 46	P/D	Sampling and Testing of cooling tower water	x	

#### Table VII – D Applicable Limits and Compliance Monitoring Requirements S-6 STATIONARY STANDBY GENERATOR SET

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	F€		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
Opacity	BAAQMD	N	>Ringelmann No.1 for		N			
	6-1-301		no more than 3					
			minutes in any hour					
Opacity	SIP	Y	>Ringelmann No.1 for		N '			
	6-301		no more than 3					
			minutes in any hour					
FP	BAAQMD	N	0.15 gr/dscf @ 6% O2		N			
	6-1-310.3							
FP	SIP	Υ	0.15 gr/dscf @ 6% O2		N			
	6-310.3							
SO₂	BAAQMD	Υ	GLC <sup>1</sup> of 0.5 ppm for 3		N			
	9-1-301		min or 0.25 ppm for					
			60 min or 0.05 ppm					
			for 24 hours					CE NOT
SO₂	BAAQMD	Y	300 ppm (dry)		N		COMMI	SSIONED
	9-1-302							
Heat	BAAQMD	Y	14.1 MM BTU/hr		N			
Input	Condition					1		
Limit	#22231	}						
	part 1					<b> </b>		
Reliability	BAAQMD Condition	Y	100 hours per	BAAQMD	P/E	Recordkeeping		
Related	#22231		calendar year	Condition		1		
activities	part 2			#22231 part 6				
	, po 2					!		
NOx, CO	BAAQMD	Υ	1.0 g NOx/bhp-hr		N			
and POC	Condition		2.75 g CO/bhp-hr	·				
	#22231		1.0 g POC/bhp-hr					
	part 3		į	<u> </u>		į l		

#### Table VII – E Applicable Limits and Compliance Monitoring Requirements S-7 FIRE PUMP DIESEL ENGINE

				Monitoring	Monitoring		Compliance	
Type of Limit	Citation of Limit	FE Y/N	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
Opacity	BAAQMD 6-1-301	N	>Ringelmann No.2 for no more than 3 minutes in any hour		N		x	
Opacity	SIP 6-301	Y	>Ringelmann No.2 for no more than 3 minutes in any hour		N		x	
FP	BAAQMD 6-1-310.3	N	0.15 gr/dscf @ 6% O2	:	N		x	
FP	SIP 6-310.3	Υ	0.15 gr/dscf @ 6% O2		N		х	
SO₂	BAAQMD 9-1-301	Y	GLC <sup>1</sup> of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N		x	
Fuel Sulfur Content	BAAQMD 9-1-304	Y	Sulfur Content ≤ 0.5% by weight		N		x	
SO₂	BAAQMD Condition #19610, part 39	N	Sulfur content of fuel less than 0.05% by weight	BAAQMD Condition #19610, part 39	P/E		x	
Reliability Related activities	BAAQMD Condition #21917 part 1	Y	30 hours per calendar year	BAAQMD Condition #21917 part 2, 3	P/E	Totalizing Meter, record keeping	x	